

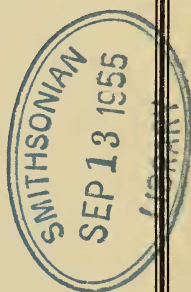
Ref

OPINIONS AND DECLARATIONS RENDERED BY THE INTER- NATIONAL COMMISSION ON ZOOLOGICAL NOMENCLATURE

Edited by

FRANCIS HEMMING, C.M.G., C.B.E.
Secretary to the Commission

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DIRECTION 28

Addition to the *Official List of Family-Group Names in Zoology* or, as the case may be, to the *Official Index of Rejected and Invalid Family-Group Names in Zoology* of the family-group names involved in the cases dealt with in the *Opinions* included in volume 10 of the *Opinions and Declarations rendered by the International Commission on Zoological Nomenclature*, other than family-group names already dealt with in those *Opinions* or in *Directions* included in that volume

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INTERNATIONAL COMMISSION ON ZOOLOGICAL NOMENCLATURE

COMPOSITION AT THE TIME OF THE ADOPTION OF THE RULING GIVEN IN DIRECTION 28

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Vice-President : Senhor Dr. Afranio do Amaral (*Sao Paulo, Brazil*) (12th August 1953)

Secretary : Mr. Francis Hemming (*London, England*) (27th July 1948)

B. The Members of the Commission

(Arranged in order of precedence by reference to date of election or of most recent re-election, as prescribed by the International Congress of Zoology)

Professor H. Boschma (*Rijksmuseum van Natuurlijke Historie, Leiden, The Netherlands*) (1st January 1947)

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Dr. L. B. Holthuis (*Rijksmuseum van Natuurlijke Historie, Leiden, The Netherlands*) (12th August 1953)

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Dr. Alden H. Miller (*Museum of Vertebrate Zoology, University of California, Berkeley, California, U.S.A.*) (29th October 1954)

Doc. Dr. Ferdinand Prantl (*Národní Museum v Praze, Prague, Czechoslovakia*) (30th October 1954)

Professor Dr. Wilhelm Kühnelt (*Zoologisches Institut der Universität, Vienna, Austria*) (6th November 1954)

Professor F. S. Bodenheimer (*The Hebrew University, Jerusalem, Israel*) (11th November 1954)

Professor Ernst Mayr (*Museum of Comparative Zoology at Harvard College, Cambridge, Massachusetts, U.S.A.*) (4th December 1954)

Professor Enrico Tortonese (*Istituto e Museo di Zoologia della Università di Torino, Torino, Italy*) (16th December 1954)

DIRECTION 28

ADDITION TO THE "OFFICIAL LIST OF FAMILY-GROUP NAMES IN ZOOLOGY" OR, AS THE CASE MAY BE, TO THE "OFFICIAL INDEX OF REJECTED AND INVALID FAMILY-GROUP NAMES IN ZOOLOGY" OF THE FAMILY-GROUP NAMES INVOLVED IN THE CASES DEALT WITH IN THE "OPINIONS" INCLUDED IN VOLUME 10 OF THE "OPINIONS AND DECLARATIONS RENDERED BY THE INTERNATIONAL COMMISSION ON ZOOLOGICAL NOMENCLATURE", OTHER THAN FAMILY-GROUP NAMES ALREADY DEALT WITH IN THOSE "OPINIONS" OR IN "DIRECTIONS" INCLUDED IN THAT VOLUME

RULING :—(1) The under-mentioned family-group names involved in the cases dealt with in the *Opinions* included in volume 10 of *Opinions and Declarations rendered by the International Commission on Zoological Nomenclature*, other than family-group names already dealt with in those *Opinions* or in *Directions* included in that volume, are hereby placed on the *Official List of Family-Group Names in Zoology* with the Name Nos. severally specified below :—

- (a) STEPHANURIDAE (correction of STEPHANURIDA) Molin, 1861 (type genus : *Stephanurus* Diesing, 1839) (published by Molin as a family name ; first published in correct form as STEPHANURIDAE by Railliet, Henry & Bauche, 1919) (Class Nematoda) (*Opinion* 340) (Name No. 57) ;
- (b) OESOPHAGOSTOMINAE (correction of OESOPHAGOSTOMEAE) Railliet & Henry, 1909 (type genus : *Oesophagostomum* Molin, 1861) (published as the name of a taxon of below subfamily rank ; first published with a prescribed termination (as OESOPHAGOSTOMINAE) by Railliet, 1915) (Class Nematoda) (*Opinion* 340) (Name No. 58) ;

- (c) TYLENCHINAE Marcinowski, 1909 (type genus : *Tylenchus* Bastian, 1865) (Class Nematoda) (*Opinion* 341) (Name No. 59) ;
- (d) LIPEURIDAE Mjöberg, 1910 (type genus : *Lipeurus* Nitzsch, 1818) (Class Insecta, Order Mallophaga) (*Opinion* 342) (Name No. 60) ;
- (e) GYROPIDAE Kellogg, 1896 (type genus : *Gyropus* Nitzsch, 1818) (Class Insecta, Order Mallophaga) (*Opinion* 342) (Name No. 61) ; ..
- (f) GLIRICOLINAE Ewing, 1924 (type genus : *Gliricola* Mjöberg, 1910) (Class Insecta, Order Mallophaga) (*Opinion* 342) (Name No. 62) ;
- (g) EUREINAE Eichler, 1941 (type genus : *Eureum* Nitzsch, 1818) for use by those specialists who consider that *Eureum* Nitzsch, 1818, requires separation at the subfamily level from the taxon of which the type genus is *Menopon* Nitzsch, 1818) (Class Insecta, Order Mallophaga) (*Opinion* 343) (Name No. 63) ;
- (h) GEOTRUPINI Latreille, 1806 (type genus : *Geotrupes* Latreille, 1796) (Class Insecta, Order Coleoptera) (*Opinion* 346) (Name No. 64) ;
- (i) CHLOROPINAE Loew, 1862 (type genus : *Chlorops* Meigen, 1803) (Class Insecta, Order Diptera) (*Opinion* 348) (Name No. 65) ;
- (j) ENARMONIINI Diakonoff, 1953 (type genus : *Enarmonia* Hübner, [1825]) (for use by those specialists who place the genus *Enarmonia* Hübner in a tribe different from that in which they place the genus *Laspeyresia* Hübner, [1826], the type genus of the taxon LASPEYRESIINI Obratzsov, 1945) (Class Insecta, Order Lepidoptera) (*Opinion* 349) (Name No. 66) ;
- (k) DIONIDIDAE (correction of DIONIDEAE) Gürich, 1907 (type genus : *Dionide* Barrande, 1847) (Class Trilobita) (*Opinion* 350) (Name No. 67).

(2) The under-mentioned family-group names, each of which is either an Invalid Original Spelling of, an Invalid Emendation of, or a junior objective synonym of, a family-group name placed on the *Official List of Family-Group Names in Zoology* by the Ruling given in (1) above, are hereby placed on the *Official Index of Rejected and Invalid Family-Group Names in Zoology* with the Name Nos. severally specified below :—

- (a) STEPHANURIDA Molin, 1861 (type genus : *Stephanurus* Diesing, 1839) (an Invalid Original Spelling for STEPHANURIDAE) (Class Nematoda) (*Opinion* 340) (Name No. 47) ;
- (b) OESOPHAGOSTOMEAE Railliet & Henry, 1909 (type genus : *Oesophagostomum* Molin, 1861) (an Invalid Original Spelling for OESOPHAGOSTOMINAE) (Class Nematoda) (*Opinion* 340) (Name No. 48) ;
- (c) OESOPHAGOSTOMATINAE Lane (C.), 1923 (type genus : *Oesophagostomum* Molin, 1861) (an Invalid Emendation of OESOPHAGOSTOMINAE (correction of OESOPHAGOSTOMEAE) Railliet & Henry, 1909) (Class Nematoda) (*Opinion* 340) (Name No. 49) ;
- (d) DIONIDEAE Gürich, 1907 (type genus : *Dionide* Barrande, 1847) (an Invalid Original Spelling for DIONIDIDAE) (Class Trilobita) (*Opinion* 350) (Name No. 50) ;
- (e) DIONIDEIDAE Raymond, 1920 (type genus : *Dionide* Barrande, 1847) (an incorrectly formed junior objective synonym of DIONIDIDAE (correction of DIONIDEAE) Gürich, 1907) (Class Trilobita) (*Opinion* 350) (Name No. 51).

I.—THE SUBJECT MATTER OF THE PRESENT “ DIRECTION ”

The present *Direction* contains Rulings given by the Commission on the family-group-name implications of all the cases involved in volume 10 of *Opinions and Declarations rendered by*

the *International Commission on Zoological Nomenclature*, other than in those cases where those implications were dealt with in the *Opinions* concerned or have since been dealt with in *Directions* (*Directions* 14 and 26) included in that volume. The proposals on which the decisions given in the present *Direction* were based, which were drawn up in conjunction with specialists in the groups concerned, were submitted to the Commission in a paper by the Secretary on 18th April 1955. At the time when that paper was prepared, it was anticipated that volume 10 would contain *Opinions* 334 to 361. Later it was found, however, that some of the earlier of the foregoing *Opinions* were so long that it would be more convenient if *Opinion* 350 were to be the last of the *Opinions* to be included in the foregoing volume. Accordingly, action on the portion of Mr. Hemming's paper relating to *Opinions* 351 to 361 has been held over, pending the publication of those *Opinions* in volume 11. Subject to this omission, the paper submitted to the Commission by Mr. Hemming on 18th April 1955 was as follows:—

Proposed addition to the "Official List of Family-Group Names in Zoology" or, as the case may be, to the "Official Index of Rejected and Invalid Family-Group Names in Zoology" of family-group names involved in the cases dealt with in Volume 10 of the "Opinions and Declarations" Series ("Opinions" 334—350¹)

By FRANCIS HEMMING, C.M.G., C.B.E.,

Secretary to the International Commission on Zoological Nomenclature

The purpose of the present paper is to lay before the Commission the family-group-names problems involved in the cases dealt with in *Opinions* 334 to 350¹, which collectively will form volume 10 in the *Opinions and Declarations* Series, and to seek decisions from the Commission in those cases where, under the General Directives issued to the Commission by the International Congress of Zoology, names require to be placed on the *Official List of Family-Group Names in Zoology* or on the *Official Index of Rejected and Invalid Names* of this category.

2. Of the *Opinions* covered by the present paper the first six (*Opinions* 334—339) have already been published and the remainder are in the press. In each of the latter cases the Commission approved the proposals submitted to it in the Voting Paper concerned.

¹ As explained in the opening portion of paragraph 1 of the present *Direction*, this paper, as originally prepared dealt with *Opinions* 334—361 and not only, as here shown, with *Opinions* 334—350.

3. In each case consultations have been held with specialists in the group concerned and the Commission is much indebted to these specialists for the assistance which they have given in supplying the necessary information and in co-operating in the preparation of the proposals now submitted. The names of the specialists who have assisted in this matter are given in the following list, together with an indication of the cases on which each has given advice :—

Mr. J. Balfour-Browne (*British Museum (Natural History), London*) :
Rhina Latreille (Opinion 345); *Geotrupes, Ceratophyus (Opinion 346)*;

Dr. A. Diakonoff (*Rijksmuseum van Natuurlijke Historie, Leiden, The Netherlands*) : *Enarmonia (Opinion 349)*;

Dr. Ellsworth C. Dougherty (*University of California, Department of Physiology, School of Medicine, Berkeley, California, U.S.A.*) ;
Stephanurus, Oesophagostomum (Opinion 340); *Anguina, Anguillulina, Tylenchus (Opinion 341)*;

Dr. L. W. Grensted (*Oriel College, Oxford*) : *Oesphagostomum (Opinion 340)*;

Mr. G. H. E. Hopkins (*British Museum (Natural History), Zoological Museum, Tring, Herts., England*) ; *Lipeurus, Gyropus, Gliricola, Actornithophilus (Opinion 342)*; *Eureum, Hirundoecus (Opinion 343)*;

Dr. Curtis W. Sabrosky (*United States Department of Agriculture, Entomology Research Branch, Washington, D.C., U.S.A.*) : *Chlorops (Opinion 348)*;

Mr. Denys W. Tucker (*British Museum (Natural History), London*) :
Rhina Schneider (Opinion 345);

Dr. H. B. Whittington (*Museum of Comparative Zoology at Harvard College, Cambridge, Massachusetts, U.S.A.*) : *Dionide (Opinion 350)*.

4. In one case only did any doubt arise as to the correct form for the family-group name to be adopted. This was in connection with the generic name *Oesophagostomum* Molin, 1861, which was placed on the *Official List of Generic Names in Zoology* by the Ruling given in *Opinion 340*. The doubts in this case have been satisfactorily dispelled with the assistance of Dr. Dougherty and Dr. Grensted. Extracts from the correspondence with these specialists are given in Annexe 1 to the present paper.

5. Attention must be drawn also to the unfortunate situation which arises in connection with *Opinion 341* owing to the fact the generic name *Anguillulina* Gervais & van Beneden, 1859, has been taken as

the type genus of a family ANGUILLULINIDAE Baylis & Daubney, 1926. The foregoing generic name is a junior objective synonym of *Anguina* Scopoli, 1777, and in the above *Opinion* has been placed on the *Official Index of Rejected and Invalid Generic Names in Zoology*. Accordingly up to 1953 the above family-group name would automatically have become invalid. Under a decision taken in that year by the Copenhagen Congress a family-group name is not, however, to be rejected when the name of its type genus is found to be invalid by reason of being (as in this case) a junior objective synonym of an older name (1953, *Copenhagen Decisions zool. Nomencl.* : 36, Decision 54(1)(a)). This decision has been much criticised and notice has been received of a proposal that it should be reversed by the next (London) Congress in 1958. The present position is that, in the absence of action by the Commission under its Plenary Powers, the foregoing family-group name is an available name. Discussions are proceeding with interested specialists on the question whether it is desirable that a proposal for special action should be submitted to the Commission in this case.² It would clearly be wrong for any action to be taken which might prejudice the position in this case while the discussions referred to above are proceeding. It is accordingly recommended that the family-group name ANGUILLULINIDAE Baylis & Daubney should not be placed on the *Official List* at least for the present.

6. The family-group name position involved in each of the *Opinions* concerned is examined in turn in Annexe 2 to the present paper. Proposals are submitted in each case where action is called for under the General Directives referred to in paragraph 1 above but has not yet been taken.

ANNEXE 1

On the question of the correct form for the family-group name based upon the generic name "Oesophagostomum" Molin, 1861 (Class Nematoda)

By FRANCIS HEMMING, C.M.G., C.B.E.,

Secretary to the International Commission on Zoological Nomenclature

When I was considering the questions to be dealt with in the Voting Paper (V.P.(O.M.)(55)15) now submitted, I felt that special consideration ought to be given to the correct form for the family-group name based upon the generic name *Oesophagostomum* Molin, 1861 (Class Nematoda), having regard to the fact that by some authors the spelling used for this name was OESOPHAGOSTOMIDAE but that by other authors the emendation OESOPHAGOSTOMATIDAE was preferred. I

² Notice has now been received from Dr. Ellsworth C. Dougherty (*University of California, Berkeley, California, U.S.A.*) of his intention to submit an application for relief in the present case.

accordingly applied in the first instance to Dr. Ellsworth C. Dougherty (*University of California, Berkeley, California, U.S.A.*), who had already given valuable assistance in regard to other aspects of this case. In his reply, dated 9th March 1955, an extract from which is given as Sub-Annexe A to the present Annexe, Dr. Dougherty, who in a previous letter (dated 16th December 1954) had already reported that the shorter of the foregoing spellings was in general use, gave his reasons for considering that that spelling was the correct spelling. On receipt of Dr. Dougherty's letter, I consulted Dr. L. W. Grensted (*Oriel College, Oxford*), who on previous occasions had very kindly placed his rich knowledge of the Greek and Latin languages at the disposal of the Commission. Dr. Grensted's reply, dated 22nd March 1955, an extract from which is given in Sub-Annexe B below, fully confirms Dr. Dougherty's view and, indeed, adds further consideration in its support.

2. For the reasons explained above, the form OESOPHAGOSTOMIDAE has been adopted as the correct form for the name of this taxon (at the family level) in the recommendations in regard thereto submitted in Annexe 2.

Sub-Annexe A to Annexe 1

Extract from a letter, dated 9th March 1955, from Dr. Ellsworth C. Dougherty, University of California, Berkeley, California, U.S.A.

I have always considered (without any particular authority) that names deriving from Greek words (such as *stoma*), but with Latin endings (e.g., *Oesophagostomum*) should be treated as if they had "surrendered" their Greek heritage and should be declined like simple Latin nouns. (For example, the genitive derived from *Oesophagostomum* should be *oesophagostomi*, not *oesophagostomatis*.) For this reason I have considered that a family name based on *Oesophagostomum* would correctly be OESOPHAGOSTOMIDAE, not OESOPHAGOSTOMATIDAE.

Sub-Annexe B to Annexe 1

Extract from a letter, dated 22nd March 1955, from Dr. L. R. Grensted, Oriel College, Oxford

Oesophagostomum : form of family name based on

I think that there is no doubt that Dr. Dougherty is right. His argument is perfectly sound, and can be considerably strengthened. The neuter noun *Oesophagostomum* is based on an adjectival form of a type common in Greek, ending in this case in "-στομον". A parallel case is, e.g., the adjective *εὐρύστομος* (wide-mouthed). In declining this the -ματ stem of *στόμα* does not re-appear and the

genitive is *ἐδρυστόμου*. There is no reason at all for any different treatment of the Latinised form. The case actually comes under Copenhagen Decisions 50(1)(c) which, in effect, requires an interpretation of (1)(a) as to the correct mode of forming the genitive, and the proposed schedule should deal with the question of nouns formed in this way. The essential point is that when the final noun of a compound name has been transmuted into an adjectival form, or a form based (as in this case) upon an adjective, it loses its original character and its original stem, and behaves like any normal Latin or Greek noun of that form. Roughly speaking, the provisions of 50(1)(d) and 50(2) will apply in such cases, since there is usually a touch of the barbarous about these forms. But it is best to bring them under 50(1)(c) and to provide that forms like *Oesophagostomum* of *Cyathostomum* should be regarded as nouns of neuter gender based upon an adjectival combination and should therefore, with full classical precedent, lose the full stem of the final noun and take the simpler adjectival stem. There is no doubt at all that this is sound both for Latin and for Greek.

ANNEXE 2

Proposals for the addition to the " Official List of Family-Group Names in Zoology " or, as the case may be, to the " Official Index of Rejected and Invalid Family-Group Names in Zoology " of the family-group names involved in the cases dealt with in the " Opinions " included in Volume 10 of the " Opinions and Declarations " Series (" Opinions " 334—361)

OPINION 334 (The *Crangon/Crago/Alpheus* problem) :

The family-group names aspect of this case has been dealt with by the Commission in its vote on Voting Paper V.P.(O.M.)(54)21, and the decision so taken has since been embodied in *Opinion* 334 published on 23rd February 1955.³

OPINION 335 (addition of names of genera of non-marine Mollusca to the *Official List of Generic Names in Zoology*) :

The number of family-group names involved in this case is considerable. Separate proposals on this subject, based upon recommendations received from Mr. A. E. Ellis (the original applicant) and from Dr. L. R. Cox, have been submitted in Voting Paper V.P.(O.M.)(55)14.⁴

OPINION 336 (addition of names of species of non-marine Mollusca to the *Official List of Specific Names in Zoology*) :

No family-group-name problem arises in this case.

³ See pp. 1—44.

⁴ See *Direction* 27.

OPINION 337 (the ammonite names *Arieticeras* and *Seguenziceras*) :

Proposals regarding the family-group-names aspect of this case have been submitted to the Commission with Voting Paper V.P.(O.M.)(55)5.⁵

OPINION 338 (*Gryphaea* Lamarck, 1801) :

The family-group-name aspect of this case has been dealt with by the Commission in its vote on Voting Paper V.P.(O.M.)(54)26, and the decision so taken has since been embodied in *Opinion* 356.⁶

OPINION 339 (specific name of the Yellow Rattlesnake of the Colorado River Basin) :

No family-group-name problem arises in this case.

OPINION 340 (*Stephanurus* Diesing) :

The following names to be placed on the *Official List* :

- (a) STEPHANURIDAE (correction of STEPHANURIDA) Molin, 1861, *Mem. r. Ist. veneto Sci. Lett. ed Arti* 9 : 436, 578 (type genus : *Stephanurus* Diesing, 1839) (published as a family name ; first published with a prescribed termination (as STEPHANURINAE) by Railliet, Henry & Bauche, 1919, *Bull. Soc. Path. exot.* 12(6) : 324)
- (b) OESOPHAGOSTOMINAE (correction of OESOPHAGOSTOMEAE) Railliet & Henry, 1909, *C.R. Acad. Sci.*, Paris 66(4) : 169 (type genus : *Oesophagostomum* Molin, 1861) (published as the name of a taxon of below subfamily rank) (first published with a prescribed termination (as OESOPHAGOSTOMINAE) by Railliet, 1915 (*Rep. 10th Int. vet. Cong. London*, 1914 3 : 734)

The following names to be placed on the *Official Index* :

- (a) STEPHANURIDA Molin, 1861 (type genus : *Stephanurus* Diesing, 1839) (an Invalid Original Spelling for STEPHANURIDAE) ;
- (b) OESOPHAGOSTOMEAE Railliet & Henry, 1909 (type genus : *Oesophagostomum* Molin, 1861) (an Invalid Original Spelling for OESOPHAGOSTOMINAE) ;
- (c) OESOPHAGOSTOMATINAE Lane (C.), 1923, in Byam (W.) & Archibald (R. G.) (Eds.) [contributions by many authorities], *The Practice of Medicine in the Tropics* 3 : 1704 (type genus : *Oesophagostomum* Molin, 1861) (an Invalid Emendation of OESOPHAGOSTOMINAE (correction of OESOPHAGOSTOMEAE) Railliet & Henry, 1909).

⁵ The proposal here referred to has since been withdrawn in favour of a revised proposal submitted by Dr. W. J. Arkell (Commission's Reference : Z.N.(S.) 931).

⁶ This *Opinion*, which is now in proof, will be published in Volume 11.

Note :—For the reasons for which it is proposed to accept the spelling OESOPHAGOSTOMINAE as the correct spelling for the name of this family-group taxon see Annexe 1.

OPINION 341 (*Anguina*, *Tylenchus*, *Anguillulina*) :

The following name to be placed on the *Official List* :

TYLENCHINAE Marcinowski, 1909, *Arb. k. biol. Anstalt f. Land-u. Forstwirtschaft*. 7(1) : 57 (type genus : *Tylenchus* Bastian, 1865)

Note 1 :—The generic name *Anguina* Scopoli, 1777, has never been taken as the base of a family-group name.

Note 2 :—In this *Opinion* the Commission placed the generic name *Anguillulina* Gervais & van Beneden, 1859, on the *Official Index of Rejected and Invalid Generic Names in Zoology*, that name being an invalid junior objective synonym of *Anguina* Scopoli, 1777. There is a family-group taxon ANGUILLULINIDAE Baylis & Daubney, 1926 (*Syn. Fam. Gen. Nemat.* : 36, 65) which prior to 1953 would thus have become an invalid name but which under Decision 54(1)(a) of the Copenhagen Congress is not now to be rejected. For the reasons why it is recommended that the foregoing family-group name should nevertheless not be placed on the *Official List* at the present time see paragraph 5 of the paper of which the present list forms Annexe 2.

OPINION 342 (*Lipeurus*, etc.) :

The following names to be placed on the *Official List* :—

(a) LIPEURIDAE Mjöberg, 1910, *Ark. Zool.* 6 (No. 13) : 82 (type genus : *Lipeurus* Nitzsch, 1818) ;

(b) GYROPIDAE Kellogg, 1896, *Proc. Calif. Acad. Sci.* (2) 6 : 68 (type genus : *Gyropus* Nitzsch, 1818) ;

Note :—The reputed family-name GYROPIDAE Burmeister, 1838, is a cheironym.

(c) GLIRICOLINAE Ewing, 1924, *Proc. U.S. nat. Mus.* 63 (No. 20) : 7 (type genus : *Gliricola* Mjöberg, 1910).

Note :—The names *Colpocephalum* Nitzsch, 1818, and *Actornithophilus* Ferris, 1916, have not been taken as the base for family-group names.

OPINION 343 (*Eureum*, etc.) :

The following name to be placed on the *Official List* :

EUREINAE Eichler, 1941, *Arch. Naturgesch.* (n.s.) 10 : 382 (type genus : *Eureum* Nitzsch, 1818) (for use by those specialists who consider that *Eureum* Nitzsch, requires separation at the sub-family level from the taxon of which the type genus is *Menopon* Nitzsch, 1818).

Note :—The name *Hirundoecus* Ewing, 1930, has never been taken as the base for a family-group name.

OPINION 344 (*Acmea*/*Acme*/*Acmaea*) :

The family-group-name aspect of this case has been dealt with by the Commission in its vote on Voting Paper V.P.(O.M.)(54)14, and the decision so taken has since been embodied in *Opinion* 344 (in the press).⁷

OPINION 345 (*Rhina*, etc.) :

None of the generic names dealt with in this *Opinion* is currently taken as the base for the name of a family-group taxon.

OPINION 346 (*Geotrupes*) :

The following name to be placed on the *Official List* :—

GEOTRUPINI Latreille, 1806, *Gen. Crust. Ins.* 2 : 91 (type genus : *Geotrupes* Latreille, 1796)

Note :—The generic name *Ceratophyus* Fischer de Waldheim, 1824, has never been taken as the base for a family-group name.

OPINION 347 (*Lysippe*) :

No action is required in this case.

OPINION 348 (*Chlorops*) :

The following name to be placed on the *Official List* :—

CHLOROPINAE Loew, 1862, in Peters', *Reise Mossambique* : 34 (type genus : *Chlorops* Meigen, 1803)

OPINION 349 (*Enarmonia*) :

The following name to be placed on the *Official List* :—

ENARMONIINI Diakonoff, 1953, *Verh. K. Ned. Akad. Wtenach., Natuurk.* (2) 49 (No. 3) : 89, 161 (type genus : *Enarmonia* Hübner, [1825]) (for use by those specialists who place the genus *Enarmonia* Hübner in a tribe different from that in which they place the genus *Laspeyresia* Hübner, [1826], the type genus of the taxon LASPEYRESIINI Obraztsov, 1945, *Z. wien. ent. Ges.* 30 : 23.

OPINION 350 (*Dionide*) :

The following name to be placed on the *Official List* :—

DIONIDIDAE (correction of DIONIDEAE) Gürich, 1907, *Cbl. f. Min. Geol. Pal.* 1907 : 129—133 (type genus : *Dionide* Barrande,

⁷ This *Opinion* has now been published. See pp. 313—352 of the present volume.

1847) (first published in correct form, as DIONIDIDAE, by Whittard (W. F.), 1940, *Ann. Mag. nat. Hist.* (11) 6 : 138);

The following names to be placed on the *Official Index* :—

- (a) DIONIDEAE Gürich, 1907 (type genus : *Dionide* Barrande, 1847) (an Invalid Original Spelling for DIONIDIDAE).
- (b) DIONIDEIDAE Raymond, 1920, *Bull. Mus. comp. Zool.* 64 (No. 2) : 214 (type genus : *Dionide* Barrande, 1847) (an incorrectly formed junior objective synonym of DIONIDIDAE (correction of DIONIDEAE) Gürich, 1907).

2. Registration of the present application : When the problems raised in the present *Direction* were under preliminary examination in conjunction with the specialists concerned, the questions at issue were, as explained in the *Opinions* concerned, dealt with in the Commission's File Z.N.(G.) 122. On the completion of these investigations and the consequent submission of the present application, the foregoing problems were registered in the Commission's Z.N.(S.) Series under the number Z.N.(S.) 916.

II.—THE DECISION TAKEN BY THE INTERNATIONAL COMMISSION ON ZOOLOGICAL NOMENCLATURE

3. Issue of Voting Paper V.P.(O.M.)(55)15 : On 18th April 1955 a Voting Paper (V.P.(O.M.)(55)15) was issued in which each Member of the Commission was asked (1) to state whether he agreed "that, in conformity with the General Directive relating to the recording on the various *Official Lists* and *Official Indexes* of decisions in regard to particular names and particular books issued to the International Commission by the Thirteenth International Congress of Zoology, Paris, 1948, and with the General Directive supplementary thereto issued to the Commission by the Fourteenth International Congress of Zoology, Copenhagen, 1953, the entries relating to the family-group names involved in the cases dealt with in the *Opinions* (*Opinions* 334—361) included in volume 10 of the work *Opinions and Declarations*, as recommended in paragraph 6 of the paper numbered Z.N.(S).

916 and as specified in Annexe 2 to that paper, submitted by the Secretary simultaneously with the present Voting Paper [i.e., in paragraph 6 of the application reproduced in the first paragraph of the present *Direction*], should be made in the *Official List* and *Official Index* for the names of taxa belonging to the family-group, as there proposed ” and (2), if he did not so agree as regards any given item, to indicate that item.

4. The Prescribed Voting Period : As the foregoing Voting Paper was issued under the One-Month Rule, the Prescribed Voting Period closed on 18th May 1955.

5. Particulars of the Voting on Voting Paper V.P.(O.M.)(55)15 : At the close of the Prescribed Voting Period, the state of the voting on Voting Paper V.P.(O.M.)(55)15 was as follows :—

(a) *Affirmative Votes had been given by the following twenty-four (24) Commissioners (arranged in the order in which Votes were received) :*

Sylvester-Bradley ; Lemche ; Stoll ; Hering ; Tortonese ; Vokes ; Mayr ; Boschma ; Esaki ; Miller ; Hankó ; Prantl ; Key ; Bonnet ; Jaczewski ; Hemming ; Dymond ; Kühnelt ; do Amaral ; Cabrera ; Mertens ; Riley ; Bodenheimer ; Bradley (J.C.) ;

(b) *Negative Votes :*

None ;

(c) *On Leave of Absence, one (1) :*

Holthuis ;

(d) *Voting Papers not returned :*

None.

6. Declaration of Result of Vote : On 19th May 1955, Mr. Hemming, Secretary to the International Commission, acting as Returning Officer for the Vote taken on Voting Paper V.P.(O.M.) (55)15, signed a Certificate that the Votes cast were as set out in paragraph 5 above and declaring that the proposal submitted in the foregoing Voting Paper had been duly adopted and that the decision so taken was the decision of the International Commission in the matter aforesaid.

7. Postponement to volume 11 of the publication of the decisions in regard to family-group-name problems arising on " Opinions " 351 to 361 taken by the Commission in its vote on Voting Paper V.P.(O.M.)(55)15 : On 20th May 1955 Mr. Hemming, as Secretary, placed on the Commission's File Z.N.(S.) 916 the following Minute defining the scope of the decision to be promulgated on the basis of the vote taken by the Commission on Voting Paper V.P.(O.M.)(55)15 for inclusion in volume 10 of the *Opinions and Declarations Series* :—

Removal from the scope of the decisions immediately to be promulgated on the basis of the vote taken on Voting Paper V.P.(O.M.)(55)15 of the portion of the decisions so taken relating to matters connected with " Opinions " 351 to 361

MINUTE dated 20th May 1955

By FRANCIS HEMMING

Secretary to the International Commission on Zoological Nomenclature

At the time when the proposals submitted with Voting Paper V.P.(O.M.)(55)15 were prepared, it was expected that volume 10 of *Opinions and Declarations rendered by the International Commission on Zoological Nomenclature* would comprise *Opinions* 334 to 361. Since that date the bulk of the foregoing *Opinions* have been printed and it has become evident that, if the contents of volume 10 were to be as originally planned, the volume would be unduly large. It has accordingly been decided to postpone *Opinions* 351 to 361 for publication in volume 11.

2. In these circumstances it would clearly be inappropriate to include in the *Direction* to be prepared to give effect to the vote on the Voting Paper referred to above the portion of the decision so taken by the Commission which related to *Opinions* which are not now to be included in volume 10, the volume of which the above *Direction* will

form a part, for this would involve the publication of the decisions by the International Commission on the family-group-name aspects of cases on which decisions at the generic-name level had not yet been published.

3. Accordingly, as Secretary to the International Commission, I hereby direct (1) that the proposals relating to matters arising on *Opinions* 351 to 361 be withdrawn from the scope of the decision now to be promulgated on the basis of the vote taken on Voting Paper V.P.(O.M.)(55)15 in the *Direction* to be published in volume 10 of the *Opinions and Declarations Series*, and (2) that the decisions in regard to the foregoing *Opinions* taken by the Commission in its vote on the foregoing Voting Paper be included in the *Direction* relating to the *Opinions* to be included in volume 11 of the foregoing Series after the publication of the *Opinions* allocated to that volume.

8. Preparation of the Ruling given in the present " Direction " : On 24th May 1955 Mr. Hemming prepared the Ruling given in the present *Direction* and at the same time signed a Certificate that the terms of that Ruling were in complete accord with those of the proposal approved by the International Commission in its Vote on Voting Paper V.P.(O.M.)(55)15, subject to the exclusion from that Ruling of the portion of the decision taken by the Commission in relation to *Opinions* 351 to 361, the promulgation of which had been deferred for publication in volume 11 of the *Opinions and Declarations Series* by the Minute executed by the Secretary on 20th May 1955. For the text of the Minute here referred to see paragraph 7 of the present *Direction*.

9. Original References : The original references for the family-group names placed upon the *Official List* and *Official Index* of names of that category by the Ruling given in the present *Direction* are as set out in Annexe 2 to the application reproduced in paragraph 1 thereof.

10. The names of the genera which are the type genera of the family-group taxa, the names of which have been placed on the *Official List of Family-Group Names in Zoology* by the Ruling given in the present *Direction*, have been placed on the *Official List of Generic Names in Zoology* by the Rulings given in the *Opinions* severally concerned. The original references for the generic names in question have been given in those *Opinions*.

11. The prescribed procedures were duly complied with by the International Commission on Zoological Nomenclature in dealing with the present case, and the present *Direction* is accordingly hereby rendered in the name of the said International Commission by the under-signed Francis Hemming, Secretary to the International Commission on Zoological Nomenclature, in virtue of all and every the powers conferred upon him in that behalf.

12. The present *Direction* shall be known as *Direction* Twenty-Eight (28) of the International Commission on Zoological Nomenclature.

DONE in London, this Twenty-Fourth day of May, Nineteen Hundred and Fifty-Five.

*Secretary to the International Commission
on Zoological Nomenclature*

FRANCIS HEMMING

Notice to Subscribers

With the publication of the present *Direction*, volume 10 is complete, except for the concluding Part (Part 22) containing the Title Page and indexes.